

IN THE CLAIMS

The status of claims in the case is as follows:

1-21 [Canceled]

1 22. [Withdrawn] A program storage device readable by a
2 machine, tangibly embodying a program of instructions
3 executable by a machine to perform method steps for
4 delivering workflow solutions that are immediately useful
5 for customers and readily modified by said customers, said
6 method steps comprising:

7 providing to a customer a generic business process
8 representation including a set of points in n-
9 dimensional space, each point including at least one
10 verb dimension, at least one noun dimension, and at
11 least one attributes dimension; and

12 enabling said customer by selecting a said point to
13 modify said representation for the process represented
14 by said point by selectively adding, deleting and
15 changing a set of actions representing said verb
16 dimension, a set of managed resource objects

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17 representing said noun dimension, and a set of
18 expressions representing said attributes dimension,
19 each said expression being capable of evaluation to a
20 Boolean value.

1 23. [Previously amended] A program storage device readable
2 by a machine, tangibly embodying a program of instructions
3 executable by a machine to perform method steps for
4 capturing in workflow solutions the policies a business uses
5 to guide its activities, said method steps comprising:

6 operating a digital computer to visually display in a
7 display panel of a computer input/output device a
8 navigation space and a plurality of scrollable lists
9 including a noun list, a verbs list and an attributes
10 list;

11 responsive to selection by a user of said computer
12 input/output device of a noun list entry, a verbs list
13 entry, and an attributes list entry, operating said
14 digital computer to highlight in said navigation space
15 a point representing a process tuple;

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16 responsive to selection by said user of said computer
17 input/output device of two entries from two of said
18 lists, operating said digital computer to highlight in
19 said navigation space a highlighted plane of points
20 representing process tuples for all entries in the list
21 not selected;

22 responsive to selection of a highlighted point by said
23 user of said computer input/output device, operating
24 said digital computer to display a definition of a
25 workflow process represented by said highlighted point
26 and an embedded object for executing said workflow
27 process; and

28 operating said digital computer selectively to execute
29 said embedded object to perform said workflow process.

30 24. [Withdrawn] A program storage device readable by a
31 machine, tangibly embodying a program of instructions
32 executable by a machine to perform method steps for making
33 known within an overall business context processes impacted
34 by a policy, said method steps comprising:

35 visually displaying in a display panel a navigation

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36 space and a plurality of scrollable lists including a
37 noun list, a verbs list and an attributes list;

38 representing in said navigation space a set of points
39 in n-dimensional space, each said point being a process
40 tuple having a verb dimension, a noun dimension, and an
41 attributes dimension;

42 responsive to selection of a policy in said attributes
43 list, highlighting in said navigation space all process
44 tuples representing process points including said
45 policy.

1 25. [Withdrawn] A program storage device readable by a
2 machine, tangibly embodying a program of instructions
3 executable by a machine to perform method steps for enabling
4 understanding of the mechanisms, interactions and inter-
5 relationships of a business process, said method steps
6 comprising:

7 representing said business process as a set of points
8 in n-dimensional space including at least one verb
9 dimension, at least one noun dimension, and at least

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10 one attributes dimension;

11 navigating said space by selecting and opening a

12 process point to display another process

13 representation; and

14 extending said space selectively by redefining said

15 dimensions and grouping scalar definitions into super

16 scalar values.

1 26. [Canceled]

2 27. [Withdrawn] System for representing any business

3 processes comprising:

4 means for defining each of a plurality of processes as

5 a 3-tuple including a noun, a verb and an attribute;

6 means for displaying a selected process as a process

7 point in navigation space; said process point

8 representing logical changes in context of navigation

9 space for exploring or defining business processes.;

10 and

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11 means for nesting a first navigation space in a process
12 point in a second navigation space.

1 28. [Canceled]

2 29. [Withdrawn] A business process representation,
3 comprising:

4 a point in n-dimensional space including at least one
5 verb dimension, at least one noun dimension, and at
6 least one attributes dimension;

7 said verb dimension representing a set of actions, said
8 noun dimension representing a managed resource object,
9 said attributes dimension representing a set of
10 expressions capable of evaluation to a Boolean value.

1 30. [Withdrawn] The business process representation of
2 claim 29, said set of actions for said verb dimension
3 including add, delete, change, and determine.

1 31. [Withdrawn] The business process representation of

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2 claim 29, said resource objects for said noun dimension
3 including account, balance, customer, loan, teller,
4 interest.

1 32. [Withdrawn] The business process representation of
2 claim 29, said set of expressions for said attributes
3 dimension including less than, overdue, greater than, court
4 order, audit, null.

1 33. [Withdrawn] The business process representation of
2 claim 29, said verb dimension, said noun dimension, and said
3 attributes dimension comprising a process tuple including a
4 verb action, a noun object, and an attribute expression.

5 34. [Withdrawn] Method for systematically defining the
6 current and future business processes of an enterprise,
7 comprising the steps of:

8 providing to a business process representation
9 including a set of points in n-dimensional space, each
10 point including at least one verb dimension, at least

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11 one noun dimension, and at least one attributes
12 dimension; and

13 selectively modifying said representation by
14 selectively adding, deleting and changing a set of
15 actions representing said verb dimension, a set of
16 managed resource objects representing said noun
17 dimension, and a set of expressions representing said
18 attributes dimension, each said expression being
19 capable of evaluation to a Boolean value.

1 35. [Withdrawn] The method of claim 34, further comprising
2 the step of:

3 modifying said representation by grouping subsets of
4 any of said dimension sets.

1 36. [Withdrawn] The method of claim 35, further comprising
2 the step of:

3 selectively adding to a dimension new group elements,
4 thereby combining noncontiguous sets of planes in said

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5 n-dimensional space into a single plane.

1 37. [Withdrawn] The method of claim 35, further comprising
2 the step of:

3 selectively subsetting elements of a group of elements
4 by defining a new elements added to a set as belonging
5 to an existing element.

1 38. [Withdrawn] The method of claim 34, further comprising
2 the steps:

3 responsive to a first user request, prompting said user
4 for a file name and dimension names and, responsive to
5 said names, creating a new process space; and

6 responsive to a second user request, displaying to said
7 user a window selectively enabling said user to select
8 a directory and then within that directory a file or to
9 enter a name for a file, reading said file, and
10 creating a new process space main window to reflect the
11 contents of said file.

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1 39. [Withdrawn] Method for enabling automatic
2 interpretation of processes, comprising the steps of:

3 defining process space as a set of points in n-
4 dimensional space, each point including at least one
5 verb dimension, at least one noun dimension, and at
6 least one attributes dimension;

7 said verb dimension, said noun dimension, and said
8 attributes dimension comprising a process tuple
9 including a verb action, a noun object, and an
10 attribute expression;

11 naming a group of points in said process space as a
12 named noun and adding said named noun to said noun
13 dimension as a noun object; and

14 selectively defining processes using existing or new
15 verbs for said named noun.

1 40. [Currently amended] A program storage device readable
2 by a machine, tangibly embodying a program of instructions

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3 executable by a machine to perform method steps for
4 systematically defining the current and future business
5 processes of an enterprise, said method steps comprising:

6 operating a digital computer to provide to a computer
7 display panel a business process representation
8 including a set of points in n-dimensional space, each
9 point including at least one verb dimension, at least
10 one noun dimension, and at least one attributes
11 dimension;

12 operating said digital computer to selectively modify
13 said representation by selectively adding, deleting and
14 changing a set of actions representing said verb
15 dimension, a set of managed resource objects
16 representing said noun dimension, and a set of
17 expressions representing said attributes dimension,
18 each said expression being capable of evaluation to a
19 Boolean value;

20 operating said digital computer responsive to ~~selection~~
21 ~~of by a user~~ selection by a user of a point selectively
22 to display a definition of a workflow process
23 represented by said point and an embedded object for

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24 executing said workflow process; and

25 operating said digital computer selectively to execute

26 said embedded object to perform said workflow process.

27 41. [Previously presented] A digital computer for capturing
28 in workflow solutions the policies a business uses to guide
29 its activities, comprising:

30 a display panel of said digital computer for displaying
31 a navigation space and a plurality of scrollable lists
32 including a noun list, a verbs list and an attributes
33 list;

34 said digital computer operating said display panel to
35 highlight in said navigation space a point representing
36 a process tuple responsive to user selection of a noun
37 list entry, a verbs list entry, and an attributes list
38 entry;

39 said digital computer being responsive to selection by
40 a user of said display panel of two entries from two of
41 said lists, to highlight in said navigation space a
42 highlighted plane of points representing process tuples

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43 for all entries in the list not selected, and
44 responsive to selection of a highlighted point to
45 highlight in said display panel a definition of a
46 workflow process represented by said highlighted point
47 and an embedded object for executing said workflow
48 process; and

49 said digital computer selectively responsive to
50 selection of said embedded object for executing said
51 workflow process.

1 42. [Withdrawn] Method for representing business processes
2 comprising the steps of:

3 defining each of a plurality of processes as a 3-tuple
4 including a noun, a verb and an attribute; and

5 displaying a selected process as a process point in
6 navigation space;

7 nesting a first navigation space in a process point in
8 a second navigation space; and

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9 nesting a second process space within a first process
10 responsive to user reference to a second process in the
11 definition of said first process.

1 43. [Withdrawn] The method of claim 42, further comprising
2 the steps of

3 providing within said nested space the union of all
4 elements referenced in all process definitions within
5 said nested space as minimal values of each said
6 dimension; and

7 adjusting the values of each said dimension to
8 encompass any new user entered nouns, verbs or
9 attributes.

1 44. [Withdrawn] The method of claim 42, further comprising
2 the steps of

3 enabling a user to traverse nested navigation space;
4 and

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5 responsive to said user traversing from a first process
6 space to a process space nested within a point in said
7 first process space, highlighting in the nested space
8 those process points explicitly referenced in said
9 point in said first process space.

Claims 45-62. [Canceled]

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